
Abluftwäschetrockner
Droogautomaat
Séchoir à linge
Tumble Dryer

Thermat R

Gebrauchsanweisung	3 - 14
Gebruiksaanwijzing	15 - 30
Mode d'emploi	31 - 42
Operating Instructions	43 - 55

ZANKER

This operating manual will help you to familiarize yourself quickly with your tumble dryer, so that you can take full advantage of all its possibilities and advantages.

Extremely high quality standards both during development and manufacture guarantee a long service life for your appliance.

Maximum economy in the operation of your dryer is achieved through very frugal electricity consumption and short drying times.

Your tumble dryer will provide you with relaxed, soft washing in any weather.

Your appliance uses the waste air principle. It should be possible to open a window during drying, to switch on a fan or to discharge the moist air through special ducting into the open. When incorporating into fitted kitchens, waste air ducting is absolutely essential.

For drying, 2 timed programs are at your disposal: The normal program for cottons with full heat output up to 120 min. and the low-temperature program for temperature-sensitive items with reduced heat output up to 80 min.

The cooling phase at the end of the program prevents creasing.

Important safety notes	page 45
Energy saving tips	page 45
Description of the appliance	page 46
Technical data/dimensions	page 47
Installation	page 47
Electrical connection	page 48
Important instructions for drying	page 48
Before starting up for the first time	page 48
Preparing for drying	page 48
Holding capacity	page 49
Laundry item weights	page 49
Controls, signal lamps etc.	page 50
Operation/routines	page 51
Program view/drying times	page 52
Maintenance and care	page 53
Instructions for correcting minor faults	page 53
After-sales service	page 54
Instructions for the fitter	page 54
Washer/dryer stack	page 54
Waste air connection	page 55

Important safety notes

When installing the tumble dryer underneath worktops, do not place the rear panel directly against the wall, against the rear wall of furniture or similar (high temperature!)

Before removing the air grille, pull out the mains plug!

The dryer must only be used for drying fabrics which have been washed in water.

■ Laundry items which have been treated with inflammable cleaning agents and solvents (petrol, alcohol, spot remover, white spirit etc.) must never be put into the dryer. Neither must cigarette lighters or similar objects be left in clothes
– danger of explosion!

■ Make sure that the laundry does not contain aerosols or similar
– danger of explosion!

The following items must also not be put into the dryer:

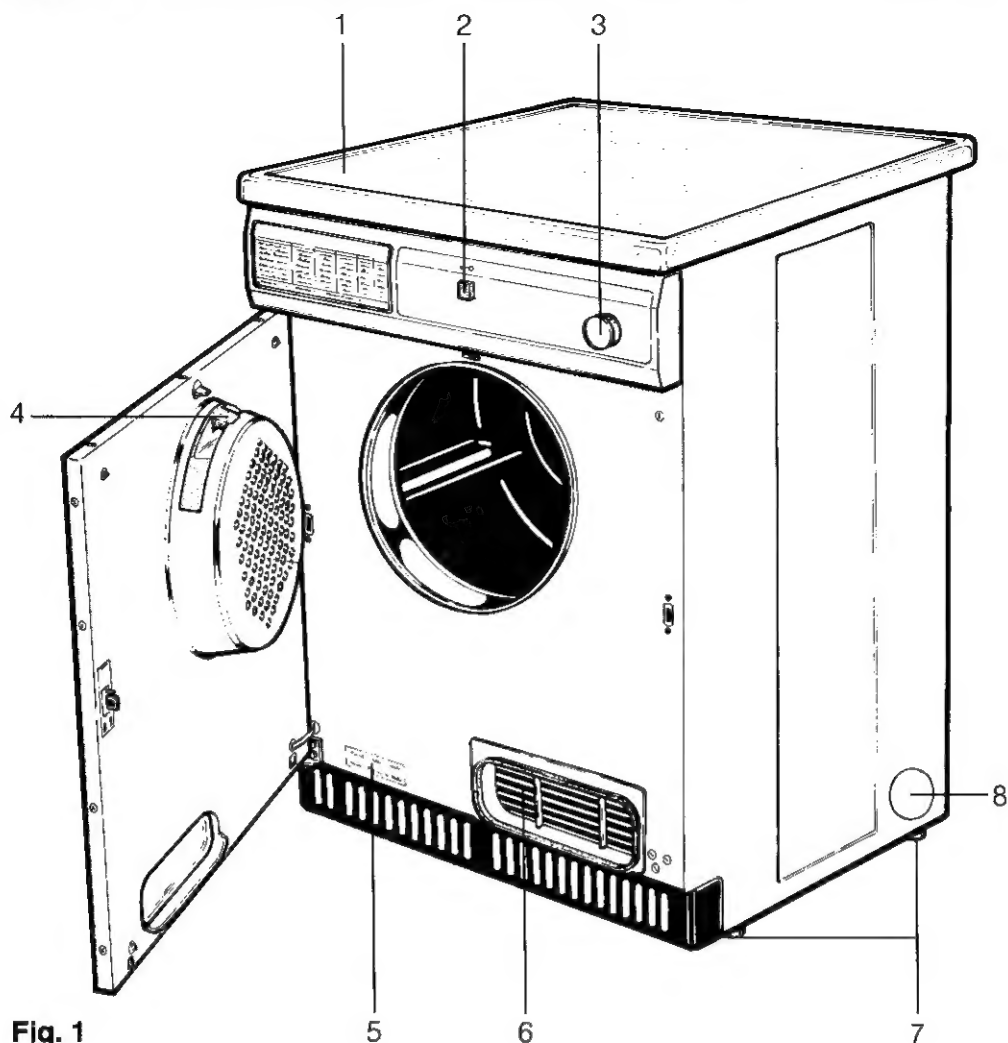
- Laundry items containing foam rubber-type material – **self-ignition!**
- Feather pillows, bolsters etc. – **heat build-up and danger of fire!**
- Wool or textiles containing wool – **danger of felting!**
- Particularly delicate fabrics, e.g. synthetic curtain material, silk etc. – **damage!**

Energy saving tips

Your tumble dryer will work particularly economically if you observe the following:

- Spin dry the wash thoroughly – in a washing machine with at least 800 rpm or in a separate spin dryer (1400 rpm or, better, 2800 rpm). The higher the spin speed, the shorter will be the drying time with a corresponding reduction in electricity consumption. If your washing machine spins at less than 800 rpm, you should seriously consider the purchase of a spin dryer.
- Short-spin easy care fabrics, e.g. shirts, blouses and other outerwear (with the short-spin provided on your washing machine, in the case of older washing machines and spin dryers by spin-drying for about 30–60 seconds).
- Avoid overdrying by careful program selection according to the required degree of dryness. Overdried items are also difficult to iron.
- Use the maximum load – as shown in the program overview on page 55. Small loads are **uneconomical!**

To utilize the maximum load, washing which is to be dried ready to put away can be dried together with washing to be ironed. To do this, select the program for iron-dry washing, remove the iron-dry items at the end of the program and then finish-dry the rest of the wash.
- If you clean the lint filter regularly, you will avoid unnecessarily long drying times and high electricity consumption.
- Ventilation slots at the front in the plinth must be clear, to ensure efficient and unimpeded air intake and warm air discharge.
- Electrical connection via a timer makes it possible to use the tumble dryer during off-peak periods. This is advantageous if you are using off-peak current in your household. The timer must be rated for 16 amps!

**Fig. 1**

- 1 Worktop
- 2 Door opener
- 3 Program switch
- 4 Lint filter
- 5 Rating plate
- 6 Air duct with grille
- 7 Height adjustable feet
- 8 Connection for exhaust air duct on the side

Mains voltage	220– 230 V ~ 50 Hz
Total connected	
Load	max. 2750 W
Fuse	max. 16 A
Wash load	max. 5 kg
Weight	40 kg

CE This appliance complies with the following E.E.C. Directives:
 - 73/23 EEC of 19.2.73 (Low Voltage Directive) and subsequent modifications;
 - 89/336 EEC of 3.5.89 (Electromagnetic Compatibility Directive)
 and subsequent modifications.

Dimensions

With worktop:

Height 850 mm

Width 595 mm

Depth 600 mm, multi-position top

Depth with door open: 1200 mm

Without worktop:

Height 820 mm

Width 595 mm

Installation

The tumble dryer must be installed in a well ventilated room. It must be possible to open a window or switch on a fan when the dryer is in operation. It is even better to extract the moist air (see Notes for the Fitter on page 59).

The dryer can be installed on any even floor. **It must be level** (use a spirit level!). **Floor irregularities and slopes can be compensated with the levelling screws. Do not remove the levelling screws.**

Do not restrict the floor clearance through deep-pile carpets, strips

of wood or similar. This might cause heat build-up which would interfere with the operation of the appliance.

The area around the dryer must be kept free of lint.

The tumble dryer is equipped as standard for a rated voltage of 220–230 V with connection lead and plug.

Connection must only be made via a correctly installed earthed socket outlet to 220–230 V a.c. A 16 amp fuse must be fitted.

Special regulations of the local electricity

supply authority may also have to be observed.

The manufacturer cannot be held liable for damage arising from the non-observance of the safety regulations.

Important instructions for drying

Before starting up for the first time

- It is advisable to load a few moist cloths into the dryer and to let it run for about 15 minutes. This ensures that no dust and dirt is left in the drum.

Preparing for drying

- Please check that the washing is suitable for tumble drying. Most fabric labels will contain a care instruction with the corresponding symbol.

Drying symbols and their meaning:



Normal drying (full heat output)
– e.g. for cotton



Gentle drying (reduced heat output)
– for easy-care fabrics, e.g. acrylic



Must not be dried in a tumble dryer e.g. wool and textiles with wool content, silk

- **The washing must be thoroughly spin dried before tumble drying. Spin speed of the automatic washing machine 800 rpm minimum, in the case of spin dryers ideally 2800 rpm.**

Easy-care items, too, e.g. shirts, should be briefly pre-spun before drying (depending on crease resistance approx. 30 seconds or using the special brief spin setting of your washing machine).

Overloading will interfere with correct drying and also causes severe creasing. Underloading is uneconomical.

Please note our safety instructions and economy tips on page 48.

- Bed linen and cushion covers should be buttoned up, so that small items cannot be trapped in them. Close zips, hooks and eyes, tie together loose belts, apron strings etc.
- If individual items are still damp after drying, set a brief post-drying time, but **at least 20 minutes**. This will be

necessary particularly for multi-layered items (e.g. collars, pockets, etc.).

- Knitted textiles (knitted underwear) may shrink a little during drying. Please **do not** overdry items of this type.

It is advisable to allow for shrinkage when choosing the size of new purchases.

- You can also put starched items into your dryer. However, to achieve the desired starched effect, choose the program "iron dry" or "dry for machine pressing".

To remove any starch residues, wipe out the internal drum after drying with a moist cloth and then rub it dry.

- The amount of lint accumulated is **not** due to any stress on the fabrics in the dryer; these are fibres which have become detached during wear and in washing. When drying on a washing line, these fibres are carried away by the wind, whereas with the tumble dryer they are collected in the lint trap. The weight of the lint will give you an idea of how little their proportion is in comparison with the amount of dried washing.

Holding capacity

Cotton	5 kg max.
Easy-care/delicate fabrics	2 kg max.

Laundry item weights

(items made of cotton)

Item	Weight in g :
Bath robe	1200
Quilt cover	700
Bed sheet	500
Blouse	100
Lady's overall	300
Lady's nightdress	200
Lady's panties	100
Bath towel	200
Tea towel	100
Man's overall	600
Man's shirt	200
Man's pyjamas	500
Man's vest	100
Man's briefs, short	100
Man's underpants, long	250
Pillow case	200
Table napkin	100
Handkerchief	20
Tablecloth	250

These weights are only given for guidance.

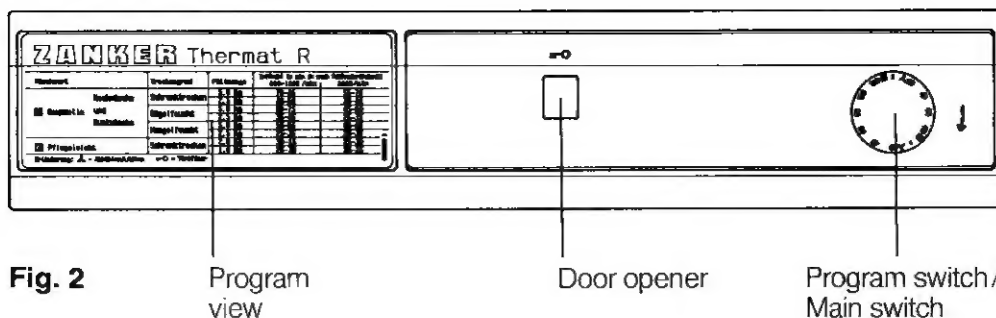


Fig. 2

Program
view

Door opener

Program switch/
Main switch**Program view**

— This shows the most important programs, so that the appliance can if necessary also be used without the operating instructions.

Easy-care (2 kg max.):

— Gentle program —
Easy-care/delicates (reduced heat output)

green print: 20–80 min**—O Door release button**

The door is opened by pressing the button (door springs open).

Program switch/Main switch

Turn clockwise (to the right) to select the required program:

Cotton (5 kg max.):

Boiling wash and coloureds (full heat output)

black print: 20–120 min**Airing**

Airing of, for example, pullovers, dresses etc. Depending on type of wash (see above).

This program section also carries out the cooling of the washing during the above mentioned drying programs.

Open the door**Load the washing**

- Sort the wash and place loosely into the drum.

Close the door

- Press the door shut and make sure that no laundry items are trapped in it.

Select the program

- See program overview on page 52.
Two possibilities are available for selecting the program:

Program changes are easily possible: simply set the new program.

Program sequence

The drum rotates to the right and left. When the selected degree of dryness has been reached, the heating system is automatically switched off and the washing cooled. The program sequence ends after around 10 minutes.

While the program is running, you can open the door and put in or take out laundry items; the program continues automatically when the door is closed. (When the appliance is operating with the timed program, the preset drying time has to be corrected after a lengthy interruption.)

The program is terminated automatically. The program selector switch stops at "0".

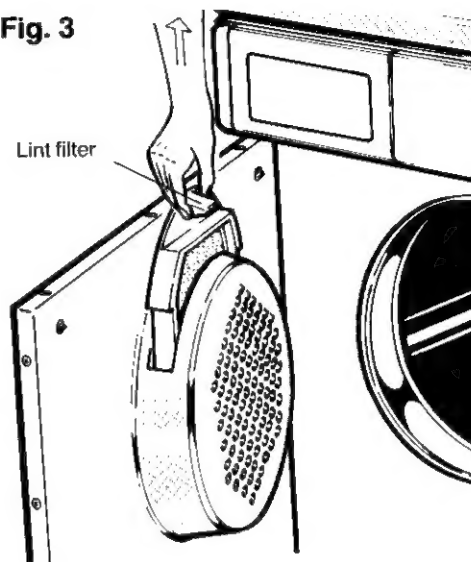
Remove washing as soon as possible after drying to avoid creasing.

Clean the lint filter (fig. 3)


It is essential to clean the lint filter situated inside the door, each time when drying is finished.

To do this, pull out the filter element on its handle, and put it back after cleaning.

Fig. 3



Which program for which wash?

Type of wash/Program	Dryness	Load kg	Program selector according to spin speed in rpm	
			800–1200	2800
Cotton Boiling wash and coloureds Terry towels Knitted underwear Babywear	storage dry	5.0 2.5	(black print) – full heat output – 70–85 40–50	55–70 30–40
Bed linen Table cloths & serviettes Kitchen towels	iron dry	5.0 2.5	60–75 35–45	45–60 25–35
	dry for machine pressing (wringer dry)	5.0 2.5	50–65 25–35	40–50 20–30
Easy-care Washing in synthetic and mixed fabrics as well as delicate textiles in acrylics and similar Outerwear Shirts Blouses	storage dry	2.0 1.0	(green print) – reduced heat output – 30–45 20–30	25–30 20–25
Airing Brief airing of garments, blankets etc. (load depending on type of wash 5 or 2 kg max. resp.)	Simultaneous cooling in the course of the above mentioned drying programs			

Please always note the manufacturer's instructions on the fabric labels. It is essential to use the gentle program (reduced heat output) for temperature-sensitive items.

1. Cleaning the dryer housing

Use soap suds or a commercial solvent-free (mild) household cleaning agent.

This also applies to the cleaning of the control fascia, plastic- and rubber parts.

If a deposit is formed on the drum after a lengthy period, this should occasionally be wiped off with a cloth dipped in vinegar or similar.

2. Cleaning the rubber seals of loading port and of the inner door. Do this immediately after drying is finished, using a moist cloth.**3. Cleaning the air duct**

This has to be done from time to time, namely when a fair amount of lint becomes visible.

To do this, push the two catch hooks at the bottom of the grille upwards (see fig. 4), take out grille and remove lint. Now refit grille.

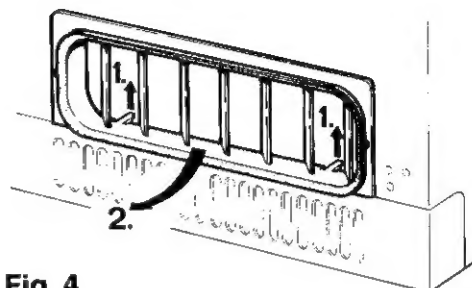


Fig. 4

Instructions for correcting minor faults

You can often correct minor faults yourself.

The appliance is not working

- Has the correct time been set?
- Has the machine been properly plugged in?
- Is the fuse in the fuse box in good working order?
- Has the door been closed properly?
- Has the program been set?

The appliance does not dry satisfactorily

- Has the gentle program been selected for drying, although full heating should be used for drying?
In this case, the program duration is prolonged.
- Has the lint filter been cleaned?
(if NOT, the program overruns; on the time program, the set time is insufficient).

This appliance conforms to the applicable safety regulations for electrical appliances. Repairs on electrical appliances must only be carried out by qualified personnel. Inexpert repairs may lead to considerable damage for the user.

Before you call in the after-sales service, please check that you have observed all the notes and recommendations in the operating instructions. **Even for repairs during the guarantee period you may incur costs if the appliance has been operated incorrectly or if you have not followed our instructions for correcting minor faults (see our guarantee conditions).**

You will find the address of your nearest after-sales service centre in the enclosed guarantee information sheet.

Whenever you contact the after-sales service, please quote: complete address, telephone number with area code, as well as the product no. and the serial no. of your appliance. The product no. and the serial no. are shown on the rating plate of your appliance (see fig. 1, page 46).

Quoting these two numbers enable the after-sales service to order spare parts in advance, so that your appliance can be repaired already during the first visit by the after-sales service engineer. You will therefore save yourself unnecessary costs caused by possibly wasted journeys by the engineer.

Instructions for the fitter

Washer/dryer stack

All fully automatic washing machines of 60 cm width and with front loading are suitable for creating a space-saving washer/dryer stack.

Necessary accessory:
Universal mounting set CN 13.1.

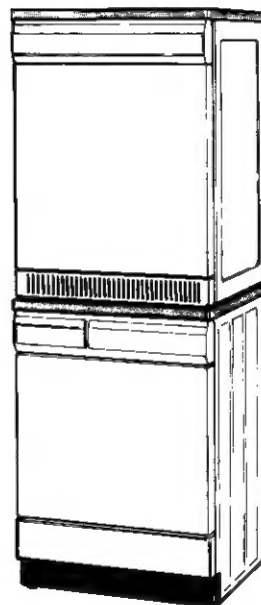


Fig. 5

Waste air connection

If the tumble dryer cannot be installed in a ventilated room, it is essential to provide for the extraction of the moist air through flexible or rigid ducting.

The waste air ducting must under no circumstances be terminated in a chimney to which heating appliances are connected. If necessary, consult your surveyor.

It is **important** to keep the waste air ducting as short and as straight as possible, so that the appliance can operate as economically as possible.

One opening each is present on the two side walls and on the rear wall to which

the waste air ducting can be connected. As standard, connection is foreseen on the right-hand side.

Connection to the rear or to the left can be carried out by the After-Sales Service or your fitter. It is important that the openings which are not used are sealed off with the covers provided.

The length of the waste air ducting is limited (2.5 m). It must not have more than 2 bends when it is placed in position for operation.

Here is an example for passing the waste air ducting through a cellar window or through the wall:

- 1 = Waste air duct run to the cellar window
- 2 = Corrugated metal hose or pipe
- 3 = Wall penetration, possibly with telescopic liner
- 4 = Condensation drain hole approx. 3 mm (at the lowest point), place shallow container underneath to collect condensation (only applies to very cold rooms)
- 5 = Adaptor (supplied with the machine)

Necessary accessory: waste air hose, 100 mm dia.

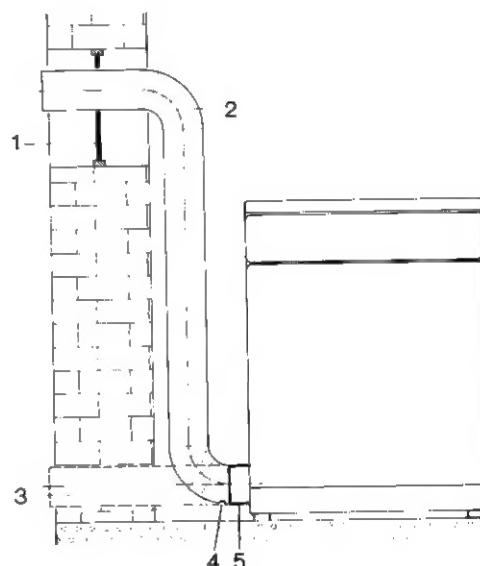


Fig. 6

Änderungen vorbehalten
Constructiewijzigingen voorbehouden
Tous droits de modification réservés
We reserve the right to make technical changes without prior notice

HWT
247 256 020 - 1191 GFP*/562
125997503 - 4-5-6-7-8-9-10-11-12-1996